

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	1	of	5
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Complete if Known

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Jan Weber et al.
Group Art Unit	Unassigned 1665
Examiner Name	Unassigned Carpenter
Attorney Docket Number	12013/51201

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**Examiner
Signature**

**Date
Considered**

3/18/2007

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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	Jan Weber et al.
		Group Art Unit	Unassigned <i>1615</i>
		Examiner Name	Unassigned <i>C. Arpura</i>
		Attorney Docket Number	12013/51201
Sheet	2	of	5

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>CA</i>		Baughman et al., "Carbon Nanotubes—the Route Toward Applications," Science, Vol. 297, 08/02/02; pp. 787-792.	
<i>CA</i>		"Carbon Nanotube Bucky Paper Scaffold for Retinal Cell Transplantation," http://otto.usc.edu/ames/nano/TOA-AME_BuckyPaper6.pdf	
<i>CA</i>		Antipov et al., "Sustained Release Properties of Polyelectrolyte Multilayer Capsules," J. Phys. Chem. B 2001, 105, 2281-2284.	
<i>CA</i>		Qiu et al., "Studies on the Drug Release Properties of Polysaccharide Multilayers Encapsulated Ibuprofen Microparticles," Langmuir 2001, 17, 5375-5380.	
<i>CA</i>		Decher et al., "Multilayer Thin Films," ISBN 3527304401, Chap. 13.2.1.2	
<i>CA</i>		Hird et al., "Supramolecular Structures of Novel Carbohydrate-Based Phospholipids," J. Am. Chem. Soc., 2000, 8097-8098.	
		Brannon-Peppas, "Polymers in Controlled Drug Delivery," Medical Plastics and Biomaterials Magazine, originally published November 1997.	
		Byrne et al., "Use of Commercial Porous Ceramic Particles for Sustained Drug Delivery," International Journal of Pharmaceutics 246 (2002) 61-73.	
		Joschek et al., "Chemical and Physicochemical Characterization of Porous Hydroxyapatite Ceramics Made of Natural Bone," Biomaterials 21 (2000) 1645-1658.	
		Zhang et al., "Crystallization and Microstructure Analysis of Calcium Phosphate-Based Glass Ceramics for Biomedical Applications," Journal of Non-Crystalline Solids 272 (2000) 14-21.	
<i>CA</i>		Ausman et al., "Organic Solvent Dispersions of Single-Walled Carbon Nanotubes: Toward Solutions of Pristine Nanotubes," J. Phys. Chem. B, 2000 104, 8911-8915.	

Examiner Signature	<i>Charles Arpura</i>	Date Considered	3/18/07
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Sheet

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Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Jan Weber et al.
Group Art Unit	Unassigned 1615
Examiner Name	Unassigned C. Azpuru
Attorney Docket Number	12013/51201

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JA		Sreekumar, et al., "Single-Wall Carbon Nanotube Films," Chem. Mater. 2003, 15, 175-178.	
JA		Adrianne-Mejia et al., "Alternative Formulations for the Anti-cancer Drug Paclitaxel (Taxol)," http://otc.isu.edu/~ndas/Term%20Papers%202002/Paclitaxel%20Formulations.pdf	
JA		Spinks et al., "Pneumatic Actuator Response from Carbon Nanotube Sheets," presented on the MRS Fall meeting 2001.	
JA		Liu et al., "Fullerene Pipes," Science, 280 (1998), 1253-1256.	
JA		Bos, "Albumin-Heparin Matrices Loaded with Growth Factor as Substrates For Endothelial Cell Seeding," Thesis - University of Twente, Enschede, The Netherlands	
		Georgakilas et al., "Organic Functionalization of Carbon Nanotubes," J. Am. Chem. Soc. 124 (5) (2002), 760-761.	
		Chen et al., "Plasma Activation of Carbon Nanotubes for Chemical Modification," J. Phys. Chem. B 2001, 105, 618-622.	
		Pantarotto et al., "Synthesis, Structural Characterization, and Immunological Properties of Carbon Nanotubes Functionalized with Peptides," J. Am. Chem. Soc. 2003, 125, 6160-6164.	
		Dettlaff-Weglikowska et al., "Chemical Functionalization of Single Walled Carbon Nanotubes," Current Applied Physics 2 (2002) 497-501.	
		Bahr et al., "Functionalization of Carbon Nanotubes by Electrochemical Reduction of Aryl Diazonium Salts: A Bucky Paper Electrode," J. Am. Chem. Soc. 2001, 123, 6536-6542.	
JA		Chen, et al., "Cyclodextrin-Mediated Soft Cutting of Single-Walled Carbon Nanotubes," J. Am. Chem. Soc. 2001, 123, 6201-6202.	

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Sheet 4

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Complete if Known

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Jan Weber et al.
Group Art Unit	Unassigned 1615
Examiner Name	Unassigned - Caspura
Attorney Docket Number	12013/51201

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Chen et al., "Solution Properties of Single-Walled Carbon Nanotubes," Science, 1998, 282, 95-98.	
		Chen et al., "Dissolution of Full-Length Single-Walled Carbon Nanotubes," J. Phys. Chem. B 2001, 105, 2525-2528.	
		Sun et al., "Soluble Dendron-Functionalized Carbon Nanotubes: Preparation, Characterization, and Properties," Chem. Mater. 2001, 13, 2864-2869.	
		Bahr et al., "Dissolution of Small Diameter Single-Wall Carbon Nanotubes in Organic Solvents," Chem. Commun. 2001, 193-194.	
		Wong et al., "Covalently-Functionalized Single-Walled Carbon Nanotube Probe Tips for Chemical Force Microscopy," J. Am. Chem. Soc., 1998, 120, 8557-8558.	
		Holzinger et al., "Sidewall Functionalization of Carbon Nanotubes," Angew. Chem. Int. Ed., 2001, 40, 4002-4005.	
		Zhao et al., "Chromatographic Purification and Properties of Soluble Single-Walled Carbon Nanotubes," J. Am. Chem. Soc., 2001, 123, 11673-11677.	
		Chen et al., "Room-Temperature Assembly of Directional Carbon Nanotube Strings," J. Am. Chem. Soc., 2002, 124, 758-759.	
		Diehl et al., "Self-Assembled, Deterministic Carbon Nanotube Wiring Networks," Angew. Chem. Int. Ed., 2002, 41, 353-356.	
		Krasheninnikov et al., "Ion-Irradiation-Induced Welding of Carbon Nanotubes," Physical Review B 66, 245403 (2002).	
		Fisher et al., "Carbon Nanotubes Literature Review," Department of Mechanical Engineering, Northwestern University, February 21, 2001.	

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Unassigned
		Filing Date	Herewith
		First Named Inventor	Jan Weber et al.
		Group Art Unit	Unassigned 6615
		Examiner Name	Unassigned Carpuca
Sheet 5 of 5	Attorney Docket Number	12013/51201	

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		Final Report, Nanotechnology Workshop: From the Laboratory to New Commercial Frontiers, Rice University, Houston, Texas, May 23, 2002.	
		Henry, "Special Delivery - Alternative Methods for Delivering Drugs Improve Performance, Convenience, and Patient Compliance," Chemical & Engineering News, Vol. 78, No. 38, 9/18/2000, pp. 49-65.	
		"Antibody Coated Stent A Breakthrough in Cardiovascular Treatment," ScienceDaily New Release, 5/22/2003.	
		Klein-Soyer et al., "CD9 Participates in Endothelial Cell Migration During In Vitro Wound Repair," Arterioscler Thromb Vasc Biol., February 2000, pp. 360-369 (http://www.atvbaha.org)	

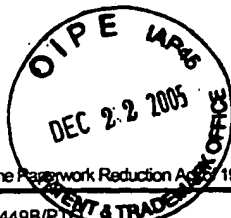
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PTO/SB/08A (07-05)



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**INFORMATION DISCLOSURE
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Sheet 2 of 2

Complete if Known

Application Number	10/677,834
Filing Date	October 3, 2003
First Named Inventor	Jan Weber et al.
Art Unit	8763 1615
Examiner Name	Unassigned C. Azpuru
Attorney Docket Number	12013/51201

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CA		LENG T, ET AL., "Carbon Nanotub Bucky Paper as an Artificial Support Membrane and Bruch's Membrane Patch in Subretinal RPE and IPE Transplantation", Annual Meeting of the Association for Research in Vision and Ophthalmology, May 4, 2003, E-Abstrat 481, 2 pages.	
CA		WANG K, ET AL., "Carbon Nanotubes as Microelectrodes for a Retinal Prosthesis", Annual Meeting of the Association for Research in Vision and Ophthalmology, May 4, 2003, 2 pages.	
		HIRSCH, A, "Functionalization of Single-Walled Carbon Nanotubes", Angewandte Chemie International Edition, Vol. 41, No. 11, 2002, pages 1853-1859.	

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